

REMARKS

The specification has been amended to address the examiners objections. No new matter was added.

The claims have also been amended.

Claim rejection under 35 U.S.C. §112 1st paragraph:

The Office Action rejected Claims 1 and 11-15 as failing to comply with the enablement requirement. The claim language has been amended rendering the rejection moot.

Claim rejection under 35 U.S.C. §112 2nd paragraph:

The Office Action rejected Claims 1-15 as being indefinite. The claim language has been amended rendering the rejection moot.

Claim rejection under 35 U.S.C. § 102:

Claims 2 and 10 were rejected as being anticipated by Zhou et al. The rejections are improper.

Each of the claims recites a “disk with a concentric aperture” and a “substrate rigidly attached to the disk”.

Zhou discloses that the “substrate is arranged between the source of light and the receiver so that the receiver accepts the light during the deposition of the optical coating

material upon the corresponding substrate for in-situ monitoring of the deposition process” Col. 2, lines 9-13. There is no disclosure or suggestion in Zhou et al. of a disk with a concentric aperture and a substrate rigidly attached to the disk.

Zhou et al. fail to disclose these features and therefore cannot anticipate Claims 2 and 10 as amended.

Claim rejections under 35 U.S.C. § 103:

The rejection of Claim 3 as being unpatentable over Zhou in view of Ogure is improper.

Ogure does not teach a disk with a concentric aperture or radially arranging the substrates around the thickness monitor nor radially about the aperture in the disk and thus does not obviate the deficiencies of Zhou with respect to Claim 2, from which Claim 3 depends. The rejection of Claim 3 must be withdrawn.

The rejections of Claims 4 and 11 as being unpatentable over Zhou in view of Ogure as applied to Claim 3 and Holland is improper.

Holland does not teach a disk with a concentric aperture or radially arranging the substrates around the concentric aperture and around the thickness monitor and thus does not correct the deficiencies of Zhou and Ogure with respect to Claim 3, or Zhou with respect to Claim 10 from which Claims 4 and 11 respectively depend. The rejection of Claims 4 and 11 must be withdrawn.

The rejection of Claim 5 as being unpatentable of Zhou, Ogure and Holland as applied to Claim 4, and further in view of Bloom is improper.

Bloom does not teach a disk with a concentric aperture or radially arranging the substrates around the concentric aperture or around the thickness monitor and thus does not correct the deficiencies of Zhou, Ogure, Holland in regards to Claim 4 from which Claim 5 depends. The rejection of Claim 5 must be withdrawn.

The rejection of Claims 6, 8-9, and 12-15 as being unpatentable over Zhou, Ogure, Holland, and Bloom as applied to Claims 4, 5, and 11 and further in view of Tomofuji is improper.

Tomofuji does not disclose the substrate is rigidly attached to the disk and arranged radially about the aperture and at least one thickness monitor. Figure 8 on which the Office Action relies discloses a substrate holder 2 holding a plurality of lens substrates 3 so that each of the lens substrates rotates about its (own) axis and thus are not rigidly attached to the holder.

Zhou, Ogure, Holland, Bloom and Tomofuji do not obviate the deficiencies of the other references with respect to the limitations recited in Claim 2 from which Claims 6, 8 and 9 depend or in Claim 10 from which Claims 12-15 depend. The rejections of Claims 6,8-9, and 12-15 must be withdrawn.

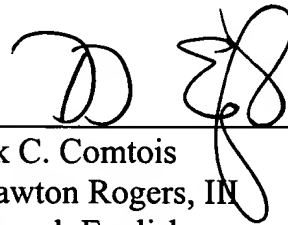
The rejection of Claim 1 as being unpatentable over Zhou, Ogure, Holland, Bloom, Tomofuji and Kendrick is improper.

As noted before, Zhou, Ogure, Holland, Bloom, Tomofuji do not disclose that multiple substrates are rigidly attached to the disk and arranged radially about an aperture and around the quartz crystal monitor. Kendrick does not obviate this deficiency. Kendrick fails to disclose multiple substrates rigidly attached to the disk and arranged radially about a quartz crystal monitor. The rejection of Claim 1 must be withdrawn.

The Applicant requests withdrawal of the rejections and allowance of the application including Claims 1-6, 8, 10-15.

Although an extension of time is not deemed necessary at this time, the Office is hereby authorized to charge any appropriate extension fee to Deposit Account No. 04-1679, Duane Morris LLP.

Respectfully submitted,



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Amendments to the Drawings:

Replacement Figures 1A and 1B have been provided. Dimensional reference numbers indicating height, depth and width were removed. No new matter was added.

Attachment: Replacement Sheet

Annotated Sheet Showing Changes

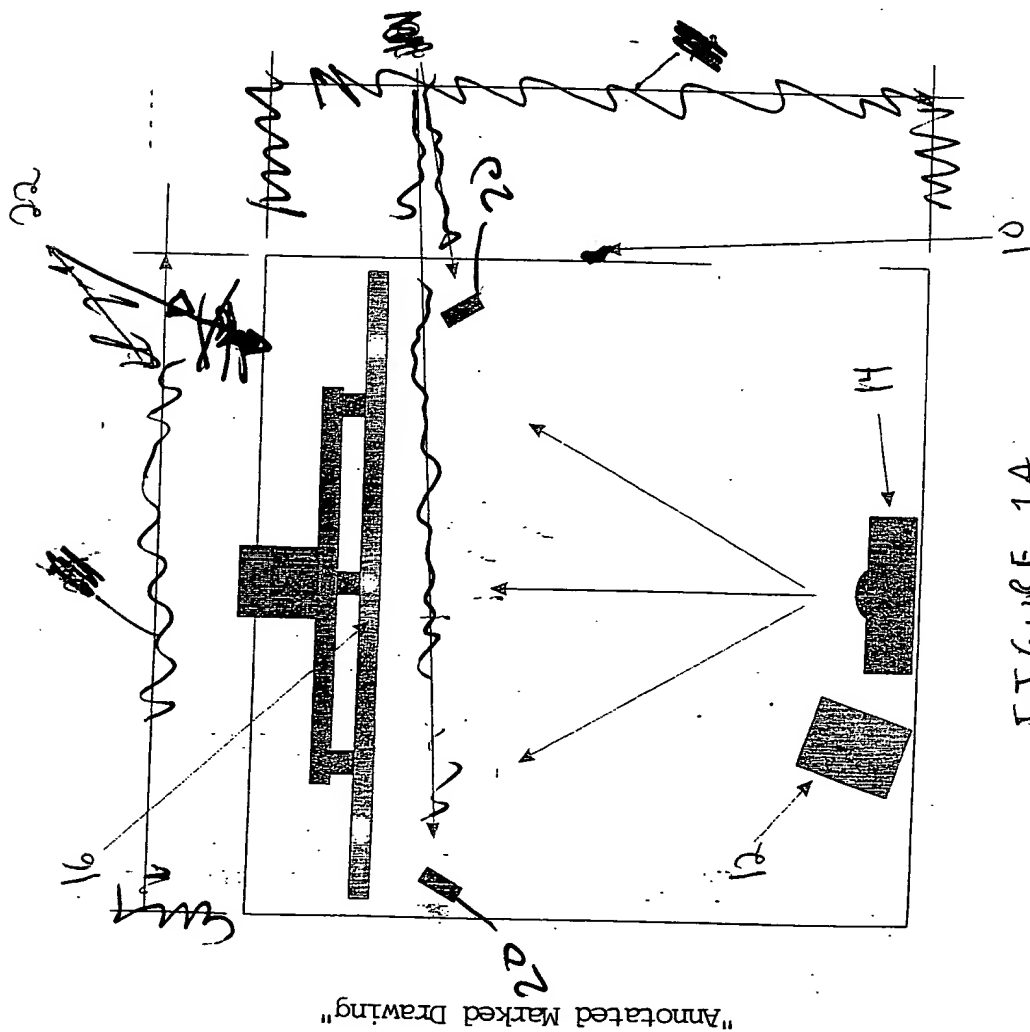


FIGURE 1A

Prior Art

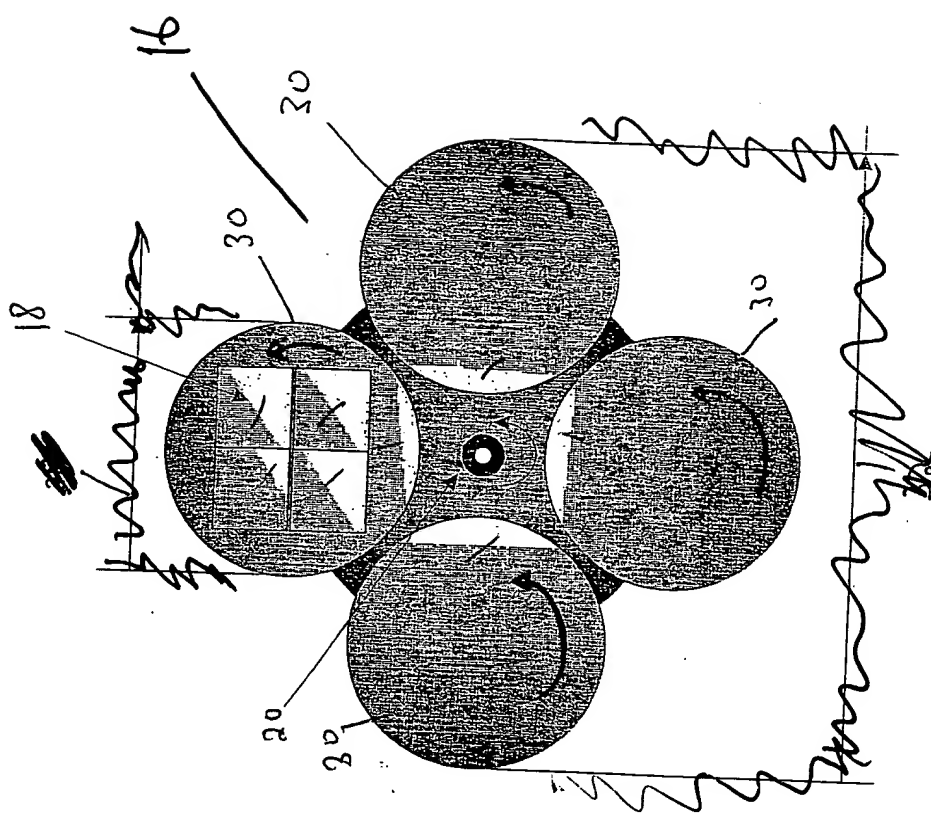


FIGURE 1B

Prior Art